

REMARKS

Reconsideration of the present application is respectfully requested.

Claims 1-9 are pending in this application. Claims 1, 3, 5 and 7 have been amended.

Claims 1-3 and 5-8 were rejected under 35 U.S.C. §103 (a) as being unpatentable over Herrala et al. in view of no other reference. Claims 4 and 9 were rejected under 35 U.S.C. §103 (a) as being unpatentable over Herrala et al. in view of Adams et al. The Examiner's rejections are respectfully traversed.

According to Applicant's invention, the component is now a roll of the machine for producing or finishing/converting paper/board or pulp. The roll in Applicant's amended claims is not comparable to the actuator controllers nor actuators according to Herrala which serves as component according to the Examiner. Further, according to the Herrala, the actuator controller includes EEPROM for storing a scaling coefficient of the measurement as well as the operation point of the measurement. The stored measurement information is the properties of the web e.g. its transverse thickness and smoothness profile.

In Applicant's invention, the stored information is the properties of the roll which is a functional part of the machine, unlike the web. In Applicant's invention, monitoring and storing the information of the properties of the web is totally irrelevant. Also, the storing of the information in the present invention and in the Herrala reference takes place in very different locations.

Herrala et al merely discloses a control system for a paper or board machine, by means of which the transverse profile of properties of the web to be produced, in particular its thickness

profile, is regulated. The control system, more particularly, comprises a number of actuators and a corresponding number of actuator controllers, said actuators being fitted to be effective across the width of the web whose profile is to be regulated, and said control system including a process computer of an equivalent logical component as well as a feedback branch provided with an arrangement for measurement of the web profile to be regulated. Column 1, lines 10-20.

The Examiner admits that Herrala does not specifically disclose that data, changes and control values are stored in the memory. Demeure merely discloses a digital device for forming spatial channels.

Applicants submit that there is absolutely no teaching or suggestion in Herrala that would lead one to combine the teachings of that reference with the disclosure of Demeure. There is no hint or suggestion in Herrala that storage of data, changes and control values in memory would be beneficial, necessary or even desired. Accordingly, absent some motivation, one of ordinary skill in the art would not combine the invention of Herrala with the disclosure of Demeure. Furthermore, Applicants submit that even if the two references were combined, the result would not be the present invention.

In the device and method of the present invention, the properties of a component and/or the ambient conditions and the changes taking place in said properties and/or ambient conditions are stored and monitored. In addition, in the present invention, the storing of the changes takes place in connection with the manufacture or servicing of the component. The present invention is concerned with storing data related to drive history and the history of certain properties of the device. The present invention is not concerned with real time on-line control of the components.

Accordingly, Applicants submit that the rejection of the claims under 35 U.S.C. §103(a)

be withdrawn and the application be forwarded to issue.

In view of the amendments to the claims made herein and the arguments presented above it is submitted that the Examiner's rejections and objections have been overcome and should be withdrawn and the claims should be allowed.

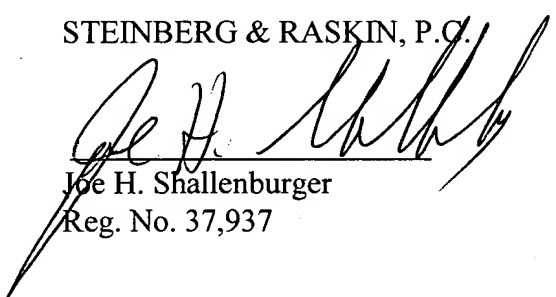
It is believed that the submission of this Amendment is timely. In the event that any extensions and/or fees are required for the entry of this Amendment, the Commissioner is specifically authorized to charge such fee to Deposit Account No. 50-0518 in the name of Steinberg & Raskin, P.C.

Should any changes to the claims and/or specification be deemed necessary to place the application in condition for allowance, the Examiner is respectfully requested to contact the undersigned to discuss the same.

An early and favorable action on the merits is earnestly solicited.

Respectfully submitted,

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